

L Number	Hits	Search Text	DB	Time stamp
3	173	534/823.ccls.	USPAT; US-PGPUB	2003/09/03 10:02
4	344	8/687.ccls.	USPAT; US-PGPUB	2003/09/03 10:44
5	222	8/696.ccls.	USPAT; US-PGPUB	2003/09/03 11:20
-	214	106/31.52.ccls.	USPAT; US-PGPUB	2003/09/02 11:31
-	0	8/887.ccls.	USPAT; US-PGPUB	2003/09/02 11:31
-	150	428/32.1.ccls.	USPAT; US-PGPUB	2003/09/02 11:32
-	401	534/829.ccls.	USPAT; US-PGPUB	2003/09/02 11:32

End of Result Set

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L1: Entry 1 of 1

File: DWPI

Mar 8, 1978

DERWENT-ACC-NO: 1978-19652A
 DERWENT-WEEK: 197811
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TITLE: Azo, anthraquinone, nitro:amino and azamethine dyes for polyamide(s) - contg. sulphonamido carbonyl gps. and giving fast, level dyeings

INVENTOR: DEFEO, F; ROSATI, E ; VONBRACHEL, H

PATENT-ASSIGNEE:

ASSIGNEE

CODE

ACNA AZIENDE COLORI NAZ AFFINI

AZIC

PRIORITY-DATA: 1976IT-0026968 (September 8, 1976)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
BE 858524 A	March 8, 1978		000	
BR 7705929 A	July 4, 1978		000	
DE 2739769 A	March 16, 1978		000	
FR 2367856 A	June 16, 1978		000	
FR 2372868 A	August 4, 1978		000	
FR 2372869 A	August 4, 1978		000	
IT 1078772 B	May 8, 1985		000	
JP 53103078 A	September 7, 1978		000	
NL 7709679 A	March 10, 1978		000	

INT-CL (IPC): C09B 1/00; C09B 29/00; C09B 31/00; C09B 62/78; D06P 1/90; D06P 3/24

ABSTRACTED-PUB-NO: BE 858524A

BASIC-ABSTRACT:

Level dyeings or prints are rapidly produced on synthetic polyamide fibres using mono- o ~~polyazo~~ anthraquinone, nitroamino and azamethine colourants that are free from COOH and SO₃H gps. and contain is not <1 ~~SO₂NHCO~~. New dyes developed for use in the process are e.g. of formulae: (I_ (where X = -SO₂NHCOR₁ or -CONHSO₂R₁, R₁ = lower alkyl (i.e. 1-4C) aryl, R₂ and R₃ = H, Cl, Br alkyl, NO₂, CN, SO₂R (R = alkyl) or SO₂NH₂, R₄ and R₅ = H, Hal -OCH₂CH₂OH, alkyl, 1-4C alkoxy or acylamino, R₆ and R₇ = H, alkyl, C₂H₄OH, C₂H₄O acyl, C₂H₄CN or C₂H₄COOR) and various modifications thereof (e.g. with -X attached to other benzene ring or to a subst. on that ring).

The dyes overcome the problems of obtaining uniform colorations on polyamide fibres that arise from chemical, physical and structural irregularities in the fibres. Good fastness is achieved without the need to use tanning agents. The colourants can also be used on cellulose esters and ethers (e.g. secondary acetate and triacetate) and polyesters. The dyes are ~~applied from aq. or organic solvent solns~~. Pref. organic solvents have b.p. 40-170 degrees C, esp. pref. are C₂Cl₄, C₂HCl₃ and 1,1,1-trichloroethane.

TITLE-TERMS: AZO ANTHRAQUINONE NITRO AMINO AZAMETHINE DYE POLYAMIDE CONTAIN SULPHONAMIDO CARBONYL GROUP FAST LEVEL DYE

DERWENT-CLASS: A23 A60 E24 F06

CPI-CODES: A08-E03; A12-S05N; E25; F03-F06;

CHEMICAL-CODES:

Chemical Indexing M4 *01*

Fragmentation Code

K0	J6	M121	M111	M122	M112	M123	M113	M125	M115
M129	M119	M143	M144	M134	M145	M146	M137	M139	M149
M282	M283	M210	M211	M212	M213	M214	M231	M232	M233
M240	M260	M270	M281	M311	M312	M313	M314	M332	M331
M321	M322	M323	M320	M280	M342	M341	M340	M344	M350
M380	M391	M392	M393	C316	D601	D602	D622	E600	E610
F432	F512	F543	F710	G331	G332	G100	G040	M533	M532
M531	L951	K441	K499	K442	K350	K399	L431	L432	L499
L140	L199	K530	K599	K600	K630	K699	L350	L210	L399
H141	H181	H142	H143	H201	H211	H212	H213	J311	J312
J331	J332	J371	J372	J373	J341	J342	H401	H441	H481
H442	H443	H444	H482	H483	H484	J521	J581	J522	J523
J211	J212	J231	J232	J271	J272	J273	H321	H341	H342
H343	H541	H542	H543	H581	H582	H583	H584	H589	H601
H608	H609	H685	H602	H603	H600	H720	W012	W013	W014
W030	H100	H101	H102	H103	W111	W112	W121	W122	W124
W125	W132	W131	W003	M510	M511	M520	M521	W522	W533
W532	W523	W529	W539	M540	W541	W543	W556	W001	W336
W325	M710	M412	M413	M414	M902	H322	H323		

UNLINKED-RING-INDEX-NUMBERS: 01150

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0033 0034 0035 0036 0206 0211 0228 1283 1291 1450 1723 1975 1977 1981 2199 2207 2208
2322 2323 2324 2528 2572

Multipunch Codes: 011 03& 067 141 143 144 155 157 160 206 207 231 239 240 250 252 265 273 305 332 3
360 364 366 367 42- 481 483 532 536 546 681 724